

#### Oil Pressure Switch By-Pass Kit 82 755 25-S

This by-pass kit is for electric start Command Single & Twin cylinder engines and M18 & M20 engines equipped with the Oil Sentry™ pressure switch. It helps eliminate backfiring during restarting of a warm engine. The kit includes a relay which temporarily by-passes the oil pressure switch which would otherwise prevent starting until pressure of the hot oil builds up sufficiently during cranking.



#### **WARNING: Accidental Starts!**

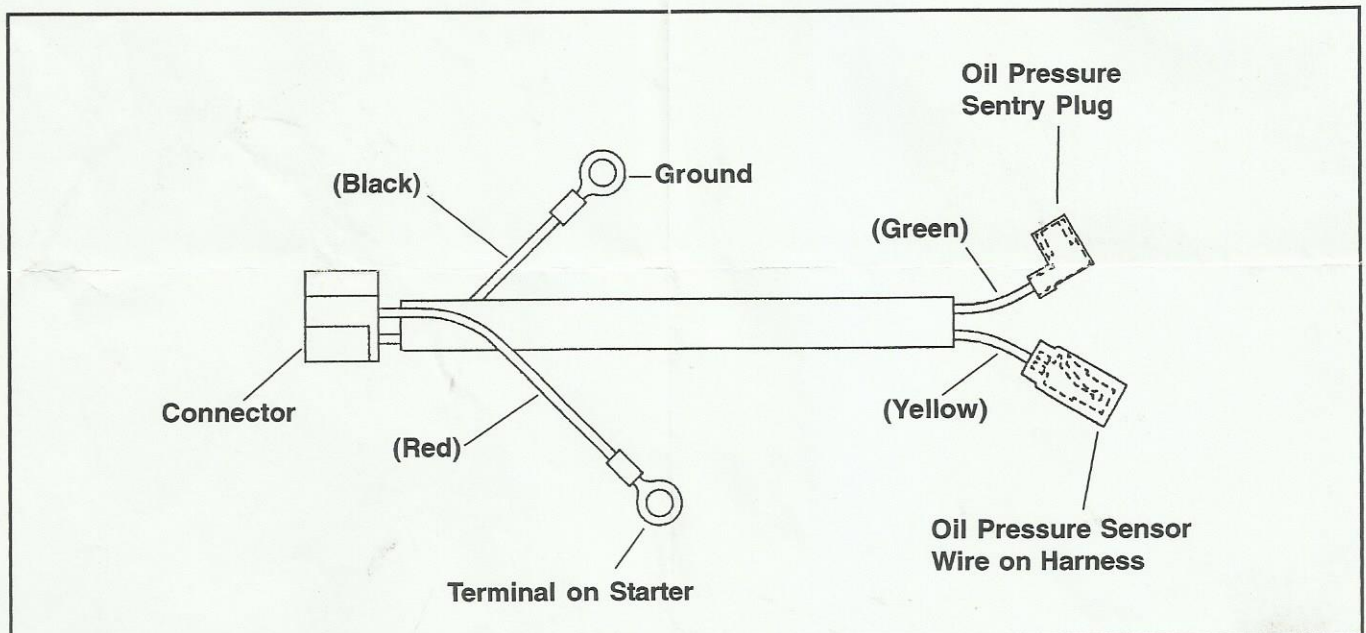
**Disabling engine. Accidental starting can cause severe injury or death.** Before working on the engine or equipment, disable the engine as follows: 1) Disconnect the spark plug lead(s). 2) Disconnect negative (-) battery cable from battery.

#### **This Kit Contains –**

Qty.	Description
1	Relay
1	Harness, wiring
1	Clip, cable
1	Screw, hex. cap 3/8-16x3/4"
1	Screw, thread forming M5x0.8x10
1	Installation Instruction

#### **To Install (Refer to Figure 1 below) –**

1. Plug the relay into open end of the wiring harness connector.
2. Connect the black lead to a good ground on the engine.
3. Connect the red lead to the terminal on the starting motor (on solenoid shift starters connect it to the terminal closest to the starter).
4. Locate the Oil Sentry™ pressure switch. Disconnect the lead from the switch and plug it into the yellow lead connector of the by-pass harness.
5. Connect the flag type connector from the by-pass harness to the Oil Sentry™ switch.
6. Use the clip and screw to route and hold the by-pass harness away from heat sources or moving parts.
7. Mount relay on equipment using hole in bracket and fastener on unit. Relay must be in common ground with engine using black lead in harness or separate ground lead. If the relay ground lead will be attached at one of the engine baffle locations, replace the existing screw with the new M5x10 screw provided.



**Figure 1.**